

## DECLARATION AND PETITION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **CLUTCH BY WIRE HAVING MULTIPLE STARTER-GENERATOR MEANS** the specification of which was filed on 17 January 2003 as PCT/NL03/00035.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. § 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

## PRIOR FOREIGN APPLICATION(S)

Number	Country	Filing Date	Priority Claimed?
1019770	The Netherlands	17 January 2002	Yes

I hereby declare: All statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true. These statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Wherefore I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney, and this petition.

1-00) Full name of sole or first inventor: Corwin Albertus VAN HETEREN

Inventor's signature [Signature] Date August 27, 2004

Residence: NL-3572 HT Utrecht, The Netherlands NLX

Citizenship: NL

Post Office Address Bladstraat 9, NL-3572 HT Utrecht, The Netherlands

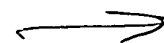
2-00) Full name of second inventor: Emmanuel Jacques EYRAUD

Inventor's signature [Signature] Date August 27, 2004

Residence: NL-3431 HG Nieuwegein, The Netherlands NLX

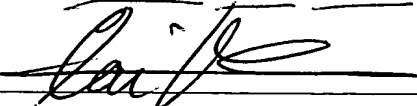
Citizenship: NL

Post Office Address Schakelstede 70, NL-3431 HG Nieuwegein, The Netherlands



3-00

Full name of third inventor: Cornelius Petrus Antonius VISSERS

Inventor's signature  Date August 27, 2004

Residence: NL-5275 BT Den Dungen, The Netherlands

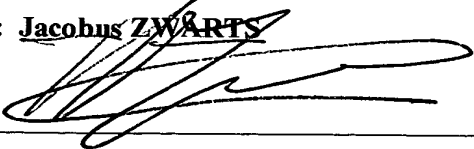
NLX

Citizenship: NL

Post Office Address Litserstraat 67, NL-5275 BT Den Dungen, The Netherlands

4-00

Full name of fourth inventor: Jacobus ZWARTS

Inventor's signature  Date August 27, 2004

Residence: NL-3438 VA Nieuwegein, The Netherlands

NLX

Citizenship: NL

Post Office Address Carmenlaan 5, NL-3438 VA Nieuwegein, The Netherlands

5-00

Full name of fourth inventor: Hendrikus Jan KAPAAN

Inventor's signature  Date August 27, 2004

Residence: NL-3435 DM Nieuwegein, The Netherlands

NLX

Citizenship: NL

Post Office Address Waterhoen 5, NL-3435 DM Nieuwegein, The Netherlands

**STATEMENT UNDER 37 CFR 3.73(b)**

Corwin Albertus Van Heteren; Emmanuel Jacques Eyraud; Cornelius Petrus Antonius Vissers; Jacobus Zwarts;

Applicant/Patent Owner: Hendrikus Jan KapaanApplication No./Patent No.: 10/501,608 Filed/Issue Date: July 14, 2004Entitled: Clutch by Wire Having Multiple Starter-Generator Means

AB SKF, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 015043, Frame 0437, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

September 28, 2004

Date

Telephone number

Jos Bras

Typed or printed name

Signature

Manager Knowledge Management  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
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\*500005591A\*

AUGUST 27, 2004

PTAS

CHARLES BERMAN  
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2450 COLORADO AVENUE, SUITE 400 E  
SANTA MONICA, CA 90404

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/27/2004

REEL/FRAME: 015043/0437

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VAN HETEREN, CORWIN ALBERTUS

DOC DATE: 08/18/2004

ASSIGNOR:

EYRAUD, EMMANUEL JACQUES

DOC DATE: 08/18/2004

ASSIGNOR:

VISSERS, CORNELIUS PETRUS ANTONIUS

DOC DATE: 08/18/2004

ASSIGNOR:

ZWARTS, JACOBUS

DOC DATE: 08/18/2004

ASSIGNOR:

KAPAAN, HENDRIKUS JAN

DOC DATE: 08/18/2004

015043/0437 PAGE 2

ASSIGNEE:

AB SKF

HORNSGATAN 1

GOTEBORG, SWEDEN SE-415 50

SERIAL NUMBER: 10501608

PATENT NUMBER:

TITLE:

FILING DATE:

ISSUE DATE:

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

08/27/2004  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Corwin Albertus van Heteren</td><td>08/18/2004</td></tr><tr><td>Emmanuel Jacques Eyraud</td><td>08/18/2004</td></tr><tr><td>Comelius Petrus Antonius Vissers</td><td>08/18/2004</td></tr><tr><td>Jacobus Zwarts</td><td>08/18/2004</td></tr><tr><td>Hendrikus Jan Kapaan</td><td>08/18/2004</td></tr></tbody></table>		Name	Execution Date	Corwin Albertus van Heteren	08/18/2004	Emmanuel Jacques Eyraud	08/18/2004	Comelius Petrus Antonius Vissers	08/18/2004	Jacobus Zwarts	08/18/2004	Hendrikus Jan Kapaan	08/18/2004
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Jacobus Zwarts	08/18/2004												
Hendrikus Jan Kapaan	08/18/2004												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>AB SKF</td></tr><tr><td>Street Address:</td><td>Hornsgatan 1</td></tr><tr><td>City:</td><td>Göteborg</td></tr><tr><td>State/Country:</td><td>SWEDEN</td></tr><tr><td>Postal Code:</td><td>SE-415 50</td></tr></table>		Name:	AB SKF	Street Address:	Hornsgatan 1	City:	Göteborg	State/Country:	SWEDEN	Postal Code:	SE-415 50		
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10501608</td></tr></tbody></table>		Property Type	Number	Application Number:	10501608								
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Application Number:	10501608												
CORRESPONDENCE DATA													
Fax Number: (310)586-7800 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Email: laipmail@gtlaw.com													
Correspondent Name: Charles Berman													
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Address Line 4: Santa Monica, CALIFORNIA 90404													
NAME OF SUBMITTER:	Charles Berman												
Total Attachments: 2 source=hqq48300#page1.tif source=hqq48300#page2.tif													

CH \$40.00 10501608

## ASSIGNMENT

WHEREAS, I/WE:

**van Heteren, Corwin Albertus**  
a citizen of  
the Netherlands

residing at  
Bladstraat 9  
NL- 3572 HT UTRECHT  
the Netherlands

**Eyraud, Emmanuel Jacques**  
a citizen of  
the Netherlands

residing at  
Schakelstede 70  
NL- 3431 HG NIEUWEGEIN  
the Netherlands

**Vissers, Cornelius Petrus Antonius**  
a citizen of  
the Netherlands

residing at  
Litserstraat 67  
NL- 5275 BT DEN DUNGEN  
the Netherlands

**Zwarts, Jacobus**  
a citizen of  
the Netherlands

residing at  
Carmenlaan 5  
NL- 3438 VA NIEUWEGEIN  
the Netherlands

**Kapaan, Hendrikus Jan**  
a citizen of  
the Netherlands

residing at  
Waterhoen 5  
NL- 3435 DM NIEUWEGEIN  
the Netherlands

as assignor(s), have made an invention entitled:

### **Clutch by wire having multiple starter-generator means**

for which I/we have:

- (a) filed an application for United States Letters Patent  
on  
(Serial No. 10/501,608
- (b) executed an application for United States Letters  
Patent on  
and  
respectively; and

national phase of international application PCT/NL03/00035 filed January 17, 2003

WHEREAS, **AB SKF**  
a corporation of Sweden  
whose post office address is:

Hornsgatan 1,  
SE-415 50 Göteborg  
Sweden

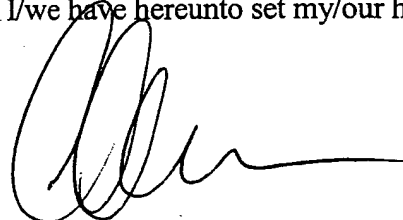
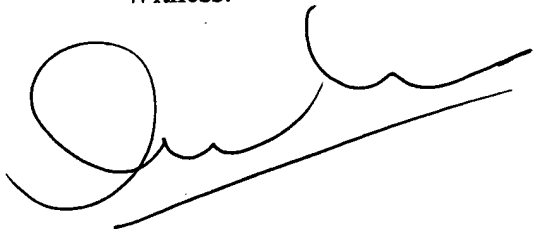
as assignee, is desirous of securing the entire right, title, and interest in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/we, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/we hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

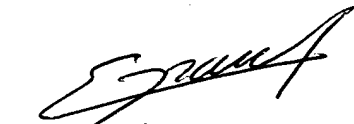
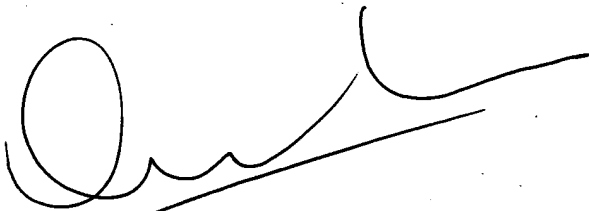
IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s).

Witness:



(van Heteren, Corwin Albertus)  
(Signature of first or sole assignor)  
Date 18 August 2004

Witness:



(Eyraud, Emmanuel Jacques)  
(Signature of second assignor)  
Date 18 August 2004

Witness:



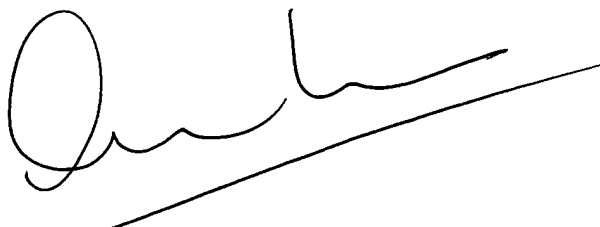
(Vissers, Cornelius Petrus Antonius)  
(Signature of third assignor)  
Date 18 August 2004

Witness:



(Zwarts, Jacobus)  
(Signature of fourth assignor)  
Date 18 August 2004

Witness:



(Kapaan, Hendrikus Jan)  
(Signature of fifth assignor)  
Date 18 August 2004